

Work Order ID 147318

Wednesday, June 08, 2016 2:51:39 PM

147318

Page 1

Item ID: D3389-1

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Web

Start Date: 5/31/2016 Start Qty: 10.00

10

Cust Item ID:

Required Date: 6/8/2016 Req'd Qty: 10.00

10

Customer:

Reference:

Approvals:

Process Plan: ML5

Date: JUN 09 2016

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start ***NR1***

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
D3389	Rev D

100

100

Skidtubes

Skidtubes

Skidtubes

0.00

Memo

0.33

- 1- Pick D2500-3-100
- 2- Deburr
- 3- Locating from deburred end, drill pilot holes using DT8785 as per dwg D3389. Scribe cut line.
- 4- Cut to finished length
- 5- Open holes to finished size as per dwg D3389
- 6- Deburr

110

110

QC

Quality Control

QC6- Inspect dimensions to drawing

0.00

Memo

0.00

16-7-12 R. Y. L. H.

DAS
18
9-89

10 8 16-07-10

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																															
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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	

Root Cause				FAULT CATEGORY			
Environment ☐	Design ☐	Doc/Data ☐	Equip/Tooling ☐	Handling/Pre ☐	Material ☐	Internal Transport ☐	Tribal Knowledge ☐
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				Product Improvement ☐	Process Improvement ☐	Manufacturing Process ☐	Past Due ☐
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						Inspection Incomplete/Unqualified ☐	Contamination ☐
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						Fit/Function ☐	Misaligned/off center ☐
						Positioned Wrong ☐	Outside Dimensions ☐
						Over/Under tolerance ☐	Part Incorrect ☐
						Part Lost/Missing ☐	Part Moved ☐
						Drawing ☐	Finish ☐
						Misread ☐	Turning Sequence ☐
OTHER : _____							

Work Order ID 147318

Wednesday, June 08, 2016 2:51:39 PM

147318

Page 3

Item ID: D3389-1

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Web

Start Date: 5/31/2016 Start Qty: 10.00

10

Cust Item ID:

Required Date: 6/8/2016 Req'd Qty: 10.00

10

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

150

QC21- Final Inspection - Work Order Release

0.00

150

QC

Memo

0.17

Quality Control

DAS

21

9-89

JUL 19 2016

DAS

21

9-89

JUL 19 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval 		
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Picklist Print

Wednesday, June 08, 2016 2:51:42 PM

Page 1

Work Order ID: 147318

147318

Parent Item: D3389-1

D3389-1

Parent Item Name: Web

Start Date: 5/31/2016

Required Date: 6/8/2016

Start Qty: 10.00

Required Qty: 10.00

Comments:

IPP Rev:A05.08.31New issueKJ/JLM

IPP Rev:B 06-02-08 As per Rev C JLM

IPP Rev:C 07-11-13 ECN 1056 Rev D dwg DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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D2500-3-100

Manufactured

No

100

Each

51.0000

1

10

D2500-3-100

15-07-12 R.L

Ext'n -I' Beam Web 4"

Location

HALL

133211

Loc Qty

51

51

Loc Code

10

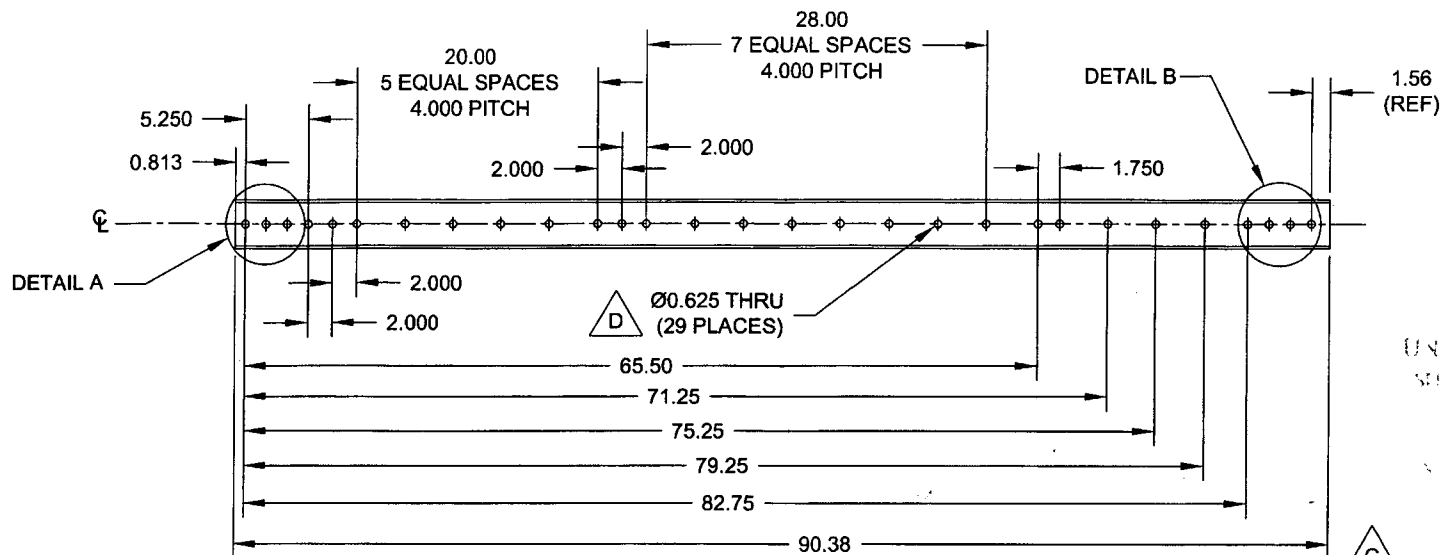
DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

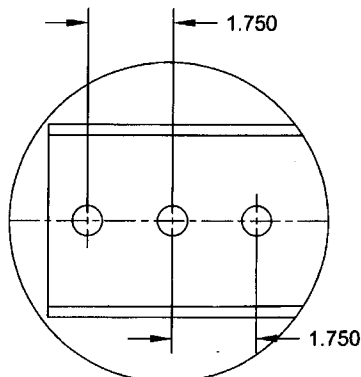
QA Closed: _____ Date: _____

Work Order update only ☐

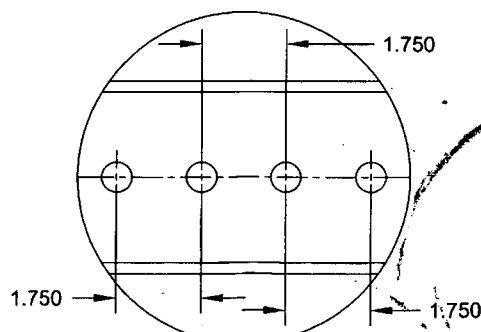
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D3389-1 412 WEB



DETAIL A
SCALE 2:5



DETAIL B
SCALE 2:5

NOTES:

- 1) MATERIAL: MAKE FROM D2500-3 EXTRUSION
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.010 TO 0.020 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 6.6 lbs

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07.11.06

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147318 MJS
1606-09

D	REVISE HOLE DIAMETER FROM Ø0.257 TO Ø0.625, ZONE D4; REFORMAT DRAWING	PH	07.10.09
C	DECREASE OVERALL LENGTH, MODIFY HOLE	PH	06.01.23
B	UPDATE DIMENSIONING	PH	05.06.13
A	NEW ISSUE	PH	05.02.07
REV.	DESCRIPTION	BY	DATE

DESIGN		DART AEROSPACE USA, INC	
DRAWN		PORT HADLOCK, WA	
CHECKED		DRAWING NO.	REV. I
MFG. APPR.		D3389	SHEET 1 OF 1
APPROVED		TITLE	SCALE
DE APPR.		412 WEB	1:1
DATE	07.10.09	COPYRIGHT © 2005 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	